

Appl. No. : 09/457,207
Filed : December 7, 1999

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A device for testing the operation of a modem in a computer, the device comprising:

a case;

a first communication port attached to the case and configured to be directly coupled to a modem in a computer thereby forming a primary communication link;

a second communication port coupled to a [the] signal reporting circuit and configured to be coupled with the computer thereby forming a secondary communication link;

and

wherein the [a] signal reporting circuit is located within the case and coupled to the first communication port and the second communication port, the signal reporting circuit including a microprocessor configured to send a signal to the computer via the secondary communication link to initiate the transmission of test data from the modem in the computer via the primary communication link and to evaluate the transmit capability of the modem in the computer over the primary communication link.

2. (Cancelled)

3. (Original) The device of claim 1 wherein the signal reporting circuit further comprises an analog to digital converter coupled to the microprocessor and the first communication port.

4. (Original) The device of claim 1 wherein the signal reporting circuit further comprises a modem coupled to the microprocessor and the first communication port.

5. (Previously Amended) A method of testing the operation of a modem in a computer using a portable modem testing device, the method comprising:

coupling the modem in the computer to the portable modem testing device;

coupling the computer to the portable modem testing device via an alternate communication link;

sending a signal from the portable modem testing device to the computer via the alternate communication link to initiate testing the operation of the modem in the computer;

initiating transmission of test data from the modem;

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receiving the transmission from the modem at the portable modem testing device;
and

verifying the transmission.

6. (Cancelled)

7. (Cancelled)

8. (Previously Amended) A method of testing the operation of a modem in a computer using a modem testing device, the method comprising:

coupling the modem in the computer to the modem testing device;

coupling the computer to the modem testing device via an alternate communication link;

sending a signal to the computer via the alternate communication link to initialize the modem in the computer;

transmitting of test data from the modem testing device;

receiving the transmission from the modem testing device at the modem in the computer;

verifying the transmission;

transmitting test data from the modem to the modem testing device;

verifying the test data.

9. (Cancelled)

10. (Cancelled)

11. (Previously Amended) A method of testing the operation of a modem in a computer using a modem testing device, the method comprising:

coupling the modem in the computer to the modem testing device;

coupling the computer to the modem testing device via an alternate communication link;

initiating transmission of test data from the modem by sending a signal from the modem testing device over the alternate communication link;

receiving the transmission from the modem at the modem testing device;

verifying the transmission;

initiating transmission of test data from the modem testing device;

receiving the transmission from the modem testing device at the modem; and

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Concluded

verifying the transmission.